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   * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:31:36 ON 14 SEP 2005

=> FIL STNGUIDE
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Sep  9, 2005 (20050909/UP).

=> file pnttext
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.06       0.27

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FILE 'USPAT2' ENTERED AT 15:31:50 ON 14 SEP 2005
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 3,3-difluoro-3,4-dihydro-2H-thieno 3,4-b 1,4-dioxepine#
   5 FILES SEARCHED...
L1            2 3,3-DIFLUORO-3,4-DIHYDRO-2H-THIENO 3,4-B 1,4-DIOXEPINE#

=> d l1 1-2

L1     ANSWER 1 OF 2     PCTFULL   COPYRIGHT 2005 Univentio on STN
AN     2004031192 PCTFULL  ED 20040421  EW 200416
TIEN   3,4-ALKYLENEDIOXYTHIOPHENE COMPOUNDS AND POLYMERS THEREOF
TIFR   COMPOSES 3,4-ALKYLENEDIOXYTHIOPHENE ET POLYMERES DE CEUX-CI
IN     GROENENDAAL, Bert, Agfa-Gevaert, Corporate IP Department 3800,
       Septestraat 27, B-2640 Mortsel, BE;
       REYNOLDS, John, 3645 NW 24th Place, Gainesville, FL 32605, US;
       GAUPP, Carleton, 254 Huffer Road, Hilton, NY 14468, US;
       SCHWENDEMAN, Irina, 1805 Wilderness Circle, Gibsonia, PA 15044, US
PA     AGFA-GEVAERT, Septestraat 27, B-2640 Mortsel, BE [BE, BE]
LAF    English
LA     English
DT     Patent
PI     WO 2004031192        A1 20040415
DS     W:            AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
                     CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL
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                    IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK
                    MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK
                    SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
       RW (ARIPO):  GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
       RW (EAPO):   AM AZ BY KG KZ MD RU TJ TM
       RW (EPO):    AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC
                    NL PT RO SE SI SK TR
       RW (OAPI):   BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
AI     WO 2003-EP50649      A  20030924
PRAI   US 2002-60/416,565       20021007
       US 2003-60/480,452       20030620
ICM    C07D495-04
ICS    C08G061-12

L1   ANSWER 2 OF 2  USPATFULL on STN
AN     2004:95532  USPATFULL
TI     3,4-Alkylenedioxythiophene compounds and polymers thereof
IN     Groenendaal, Bert, Sinaai, BELGIUM
       Reynolds, John R., Gainesville, FL, UNITED STATES
       Gaupp, Carleton L., Hilton, NY, UNITED STATES
       Schwendeman, Irina, Gibsonia, PA, UNITED STATES
PA     AGFA-GEVAERT, Mortsel, BELGIUM (non-U.S. corporation)
PI     US 2004072987      A1   20040415
AI     US 2003-680546     A1   20031007 (10)
PRAI   US 2002-416565P     20021007 (60)
       US 2003-480452P     20030620 (60)
DT     Utility
FS     APPLICATION
LN.CNT 1169
INCL   INCLM: 528/377.000
       INCLS: 549/050.000
NCL    NCLM:  528/377.000
       NCLS:  549/050.000
IC     [7]
       ICM: C07D495-02
       ICS: C08G075-32
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


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